



2016 NIST Handbook 130

G. Uniform Engine Fuels and Automotive Lubricants Regulation

Section 3. Classification and Method of Sale of Petroleum Products

3.8. Ethanol Flex Fuel.

3.8.1. How to Identify Ethanol Flex Fuel. – Ethanol flex fuel shall be identified as Ethanol Flex Fuel or EXX Flex Fuel.

3.8.2. Labeling Requirements.

a) Ethanol flex fuel with an ethanol concentration no less than 51 and no greater than 83 volume percent shall be labeled “Ethanol Flex Fuel, minimum 51 % ethanol.”

(b) Ethanol flex fuel with an ethanol concentration less than or equal to 50 volume percent shall be labeled “EXX Flex Fuel, minimum YY % ethanol,” where the XX is the ethanol concentration in volume percent and YY is XX minus five ($- 5$). The actual ethanol concentration of the fuel shall be XX volume percent plus or minus five (± 5) volume percent.

(Added 2014)

(c) A label shall be posted which states “For Use in Flexible Fuel Vehicles (FFV) Only.” This information shall be clearly and conspicuously posted on the upper 50 % of the dispenser front panel in a type at least 12.7 mm ($\frac{1}{2}$ in) in height, 1.5 mm ($\frac{1}{16}$ in) stroke (width of type). A label shall be posted which states, “CHECK OWNER’S MANUAL,” and shall not be less than 6 mm ($\frac{1}{4}$ in) in height by 0.8 mm ($\frac{1}{32}$ in) stroke; block style letters and the color shall be in definite contrast to the background color to which it is applied.

(Amended 2007, 2008, and 2014)

3.9. Fuel Ethanol.

3.9.1. Retail Dispenser Labeling. - Each retail dispenser of fuel mixtures containing no more than 10 percentage denatured ethanol shall be labeled: “This fuel product may contain up to 10 percentage ethanol.” Retail dispensers of fuel ethanol of more than 10 percentage shall be labeled with the capital letter E followed by the numerical value volume percent denatured ethanol and ending with the word “ethanol” (Example: E15 Ethanol)